

ADOT

Air Quality Management Guidebook

Air Quality Overview

Goal: Summarize Arizona AQ Status & Requirements

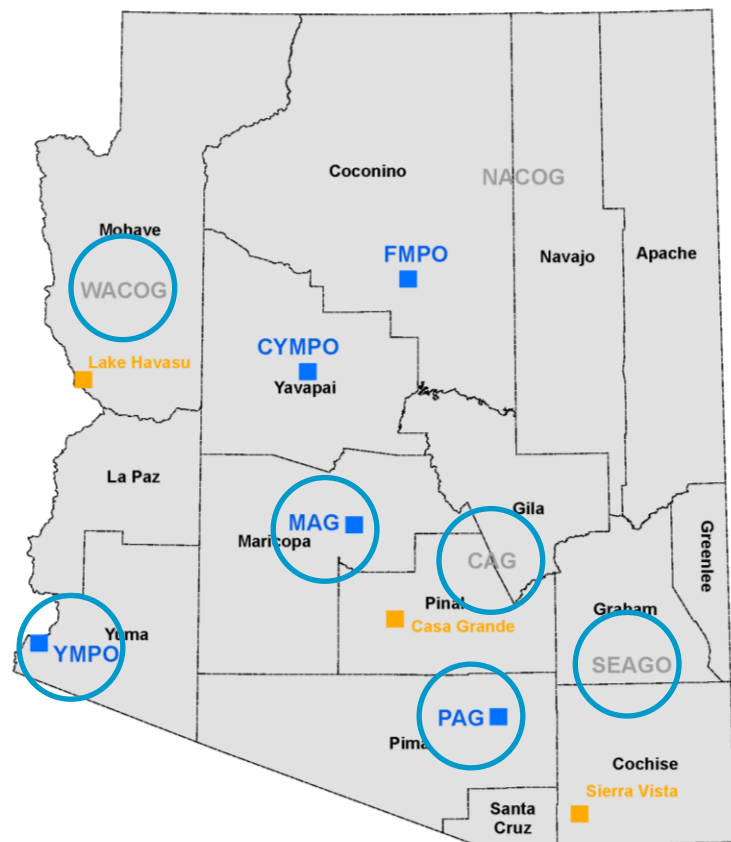
Air Quality Overview

- ▶ **Arizona Air Quality Geography**
- ▶ **Transportation & Air Quality *Simplified***
- ▶ **Nonattainment & Maintenance Areas in Arizona**
- ▶ **Transportation Conformity: *The Basics***
- ▶ **What will be in the Guidebook?
*Nogales Example***

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Arizona Air Quality Geography



Arizona Metropolitan Planning Organizations

- Central Yavapai Metropolitan Planning Organization (CYMPO)
- Flagstaff Metropolitan Planning Organization (FMPO)
- Maricopa Association of Governments (MAG)*
- Pima Association of Governments (PAG)*
- Yuma Metropolitan Planning Organization (YMPO)

* *Transportation Management Areas (TMAs)*

Arizona Councils of Governments

- Central Arizona Governments (CAG)
- Maricopa Association of Governments (MAG)
- Northern Arizona Council of Governments (NACOG)
- Pima Association of Governments (PAG)
- SouthEastern Arizona Governments Organization (SEAGO)
- Western Arizona Council of Governments (WACOG)

New Urban Areas (2010 Census)

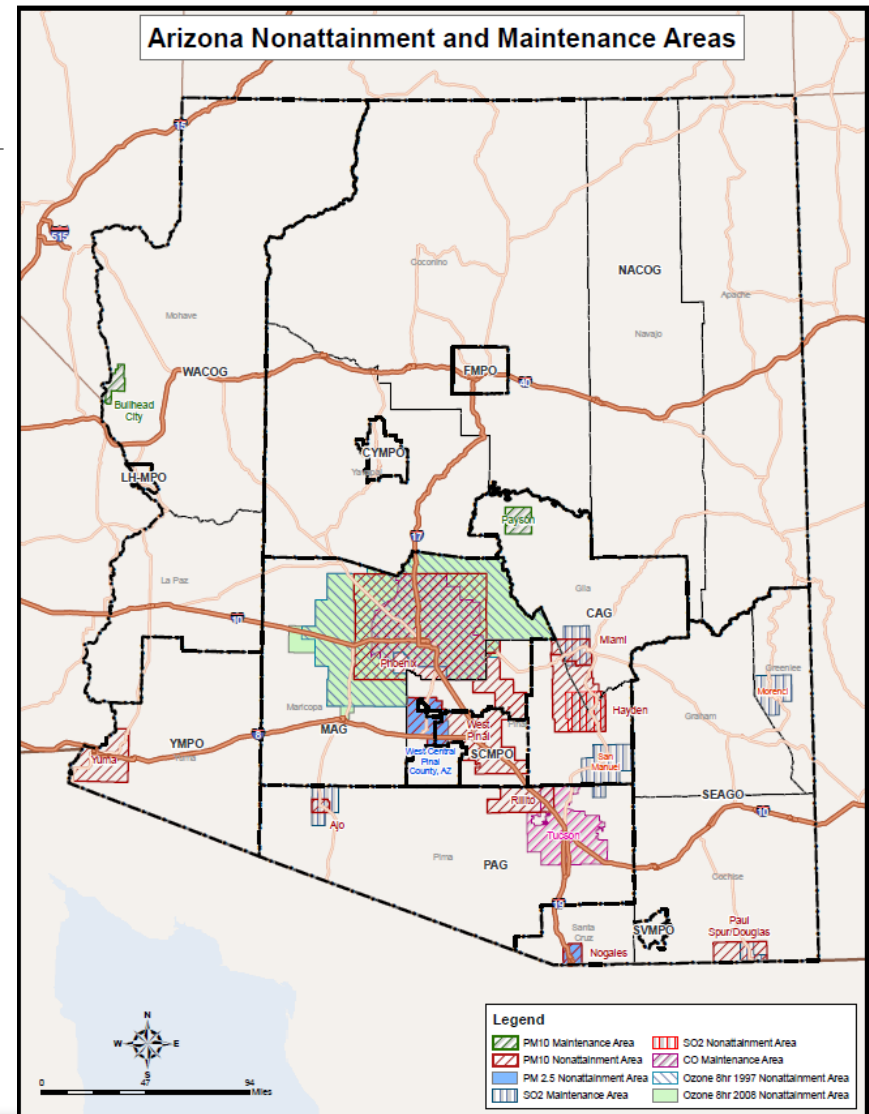
- Casa Grande
- Lake Havasu
- Sierra Vista

 Nonattainment or Maintenance Area(s) Located within Jurisdiction

Air Quality Overview

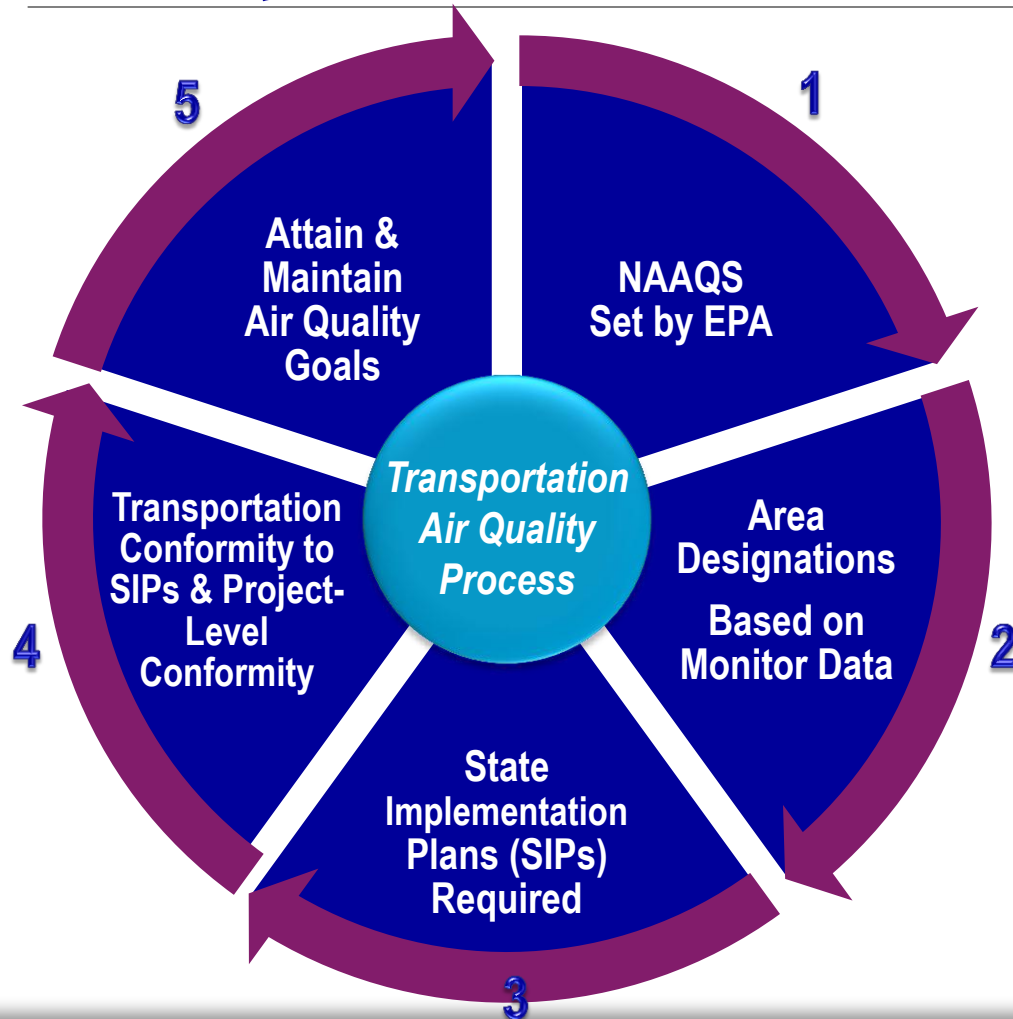
Air Quality in Arizona

- ▶ Over 20 Nonattainment / Maintenance Areas
- ▶ 16 Areas Require Conformity
 - Regional (1)
 - Project-Level (3)
 - Both (12)



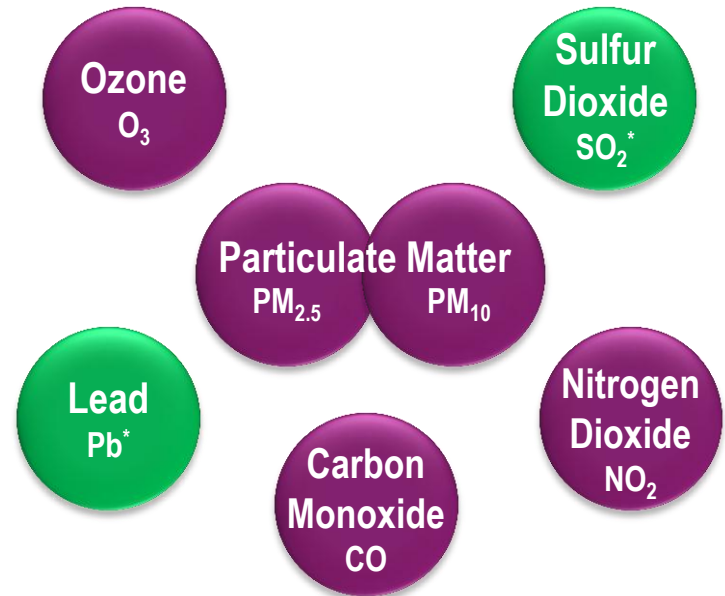
Air Quality Overview

Transportation & Air Quality - Simplified



What's a NAAQS?

National Ambient Air Quality Standards required by the Clean Air Act and set by EPA for six criteria air pollutants:



* Pb and SO_2 areas not subject to transportation conformity requirements

Air Quality Overview

Transportation Conformity – The Basics

Initial determinations made by
MPOs or ADOT

Final determinations made
(approved) by FHWA / FTA in
consultation with EPA

Technical analysis and documentation
of emissions associated with
transportation plans and projects

Interagency Consultation
using federally approved
guidance and tools

MPO Areas

At least every 4 years

Isolated Rural Areas

New non-exempt FHWA /
FTA project needs funding
or approval



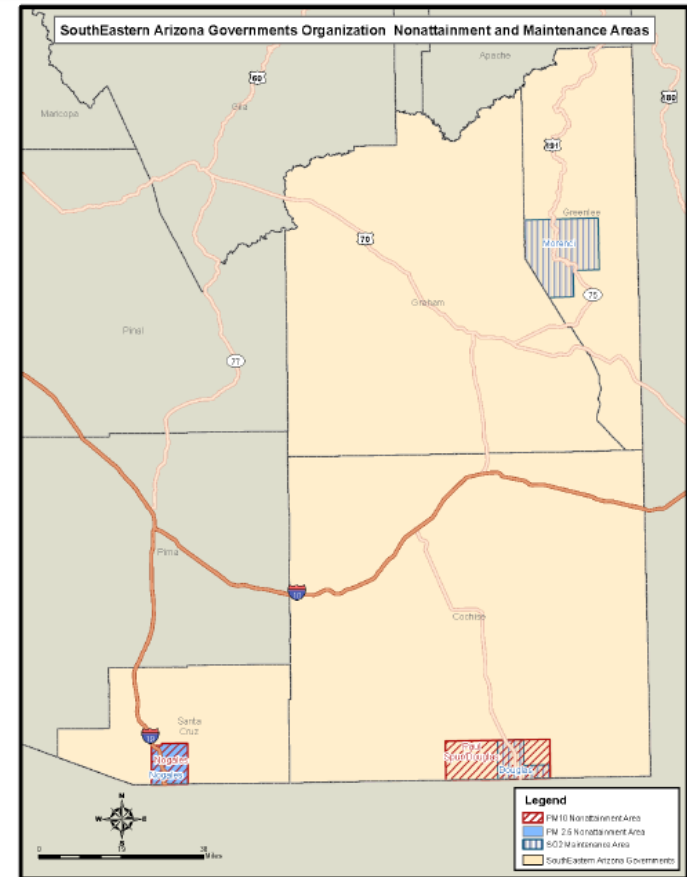
Ensure federal funding / approval
for transportation projects
consistent with AQ goals

Areas designated
nonattainment or
maintenance for CO,
Ozone, PM_{2.5}, PM₁₀, and
NO₂

Air Quality Overview

What is in the Guidebook?

- ▶ Overview of NAAQS
- ▶ Conformity Background
- ▶ Arizona Status
 - Nonattainment / Maintenance Areas
 - SIPs
 - MVEBs
- ▶ Other Resources



County	Current SIP Status ¹	Notes (as of February 1, 2013)
Nogales, AZ PM_{2.5} Nonattainment Area		
Santa Cruz (P)	Attainment Finding Effective 2/6/2013 78 FR 887	Area remains nonattainment until a Maintenance Plan is submitted and approved. Regional conformity still applies.
Nogales, AZ PM₁₀ Moderate Nonattainment Area		
Santa Cruz (P)	2012 SIP Approval Effective 10/25/2012 77 FR 58962	EPA approved the plan element demonstrating that the Nogales nonattainment area is attaining the NAAQS for PM ₁₀ , but for international emissions sources in Nogales, Mexico.
Paul Spuri/Douglas (Cochise County), AZ PM₁₀ Moderate Nonattainment Area		
Cochise (P)	Attainment finding Effective 9/4/2012 77 FR 45965	Area remains nonattainment until a Maintenance Plan is submitted and approved. Maintenance Plan under development. Regional conformity still applies.

(P) = Partial

1. For information regarding Federal Register documentation related to motor vehicle emissions budgets (MVEBs) please see Table A1-1.